



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday January 19, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Isolated severe thunderstorms possible across E/SE TX into LA and S AR today.**
- **Wintry weather with travel impacts across AR this afternoon and evening and for central and south TX tomorrow into Friday.**
 - **Light wintry weather/minor travel impacts possible for SE TX into S LA late Thursday into Friday morning.**



FEMA Region 6 Threat Matrix

Jan 19, 2022 - Jan 23, 2022

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	Far ETX, N LA				
	E/SE TX, LA, S AR				
Heavy Rain / Flash Flooding					
Fire Weather					
Winds					
Winter Weather	N AR	Central/South TX	Central/South TX (early)		
	AR	SE TX, S LA (late)	SE TX, S LA (early)		
River Flooding	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

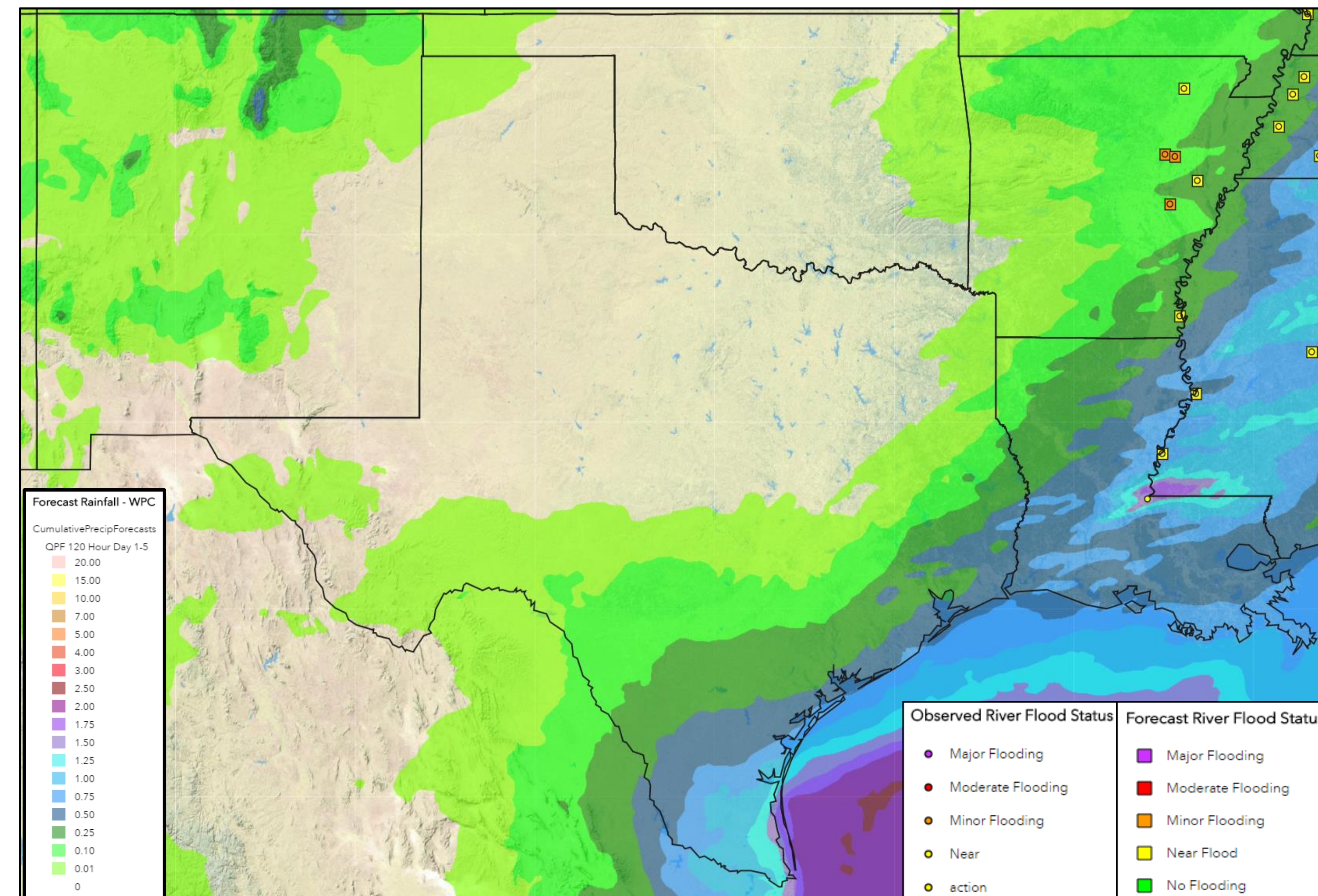
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding is occurring for portions of the Cache, Black, and White Rivers in NE AR.

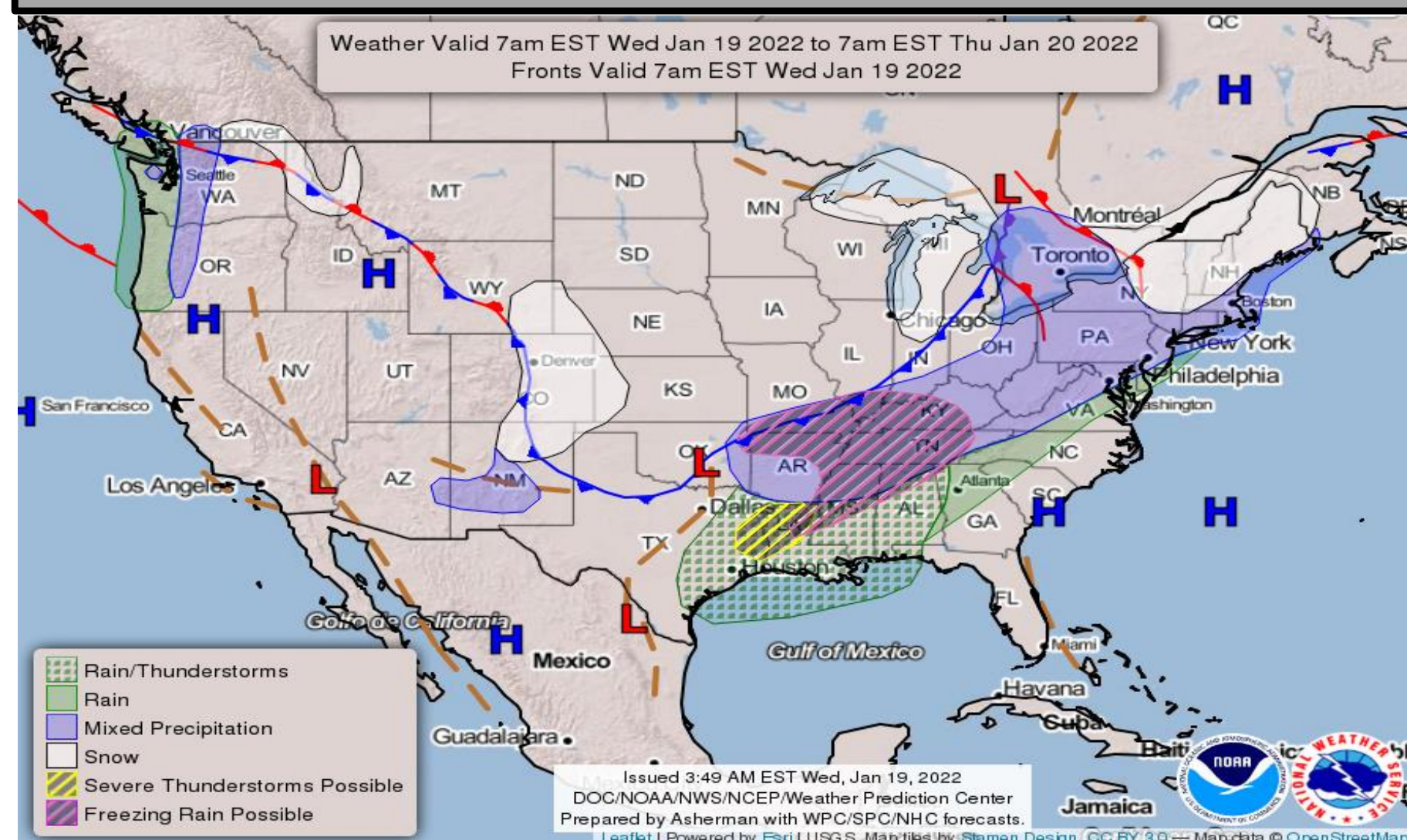
Minor impacts to agricultural lands, secondary roads, and near some homes.

<http://water.weather.gov/ahps> for latest river flooding

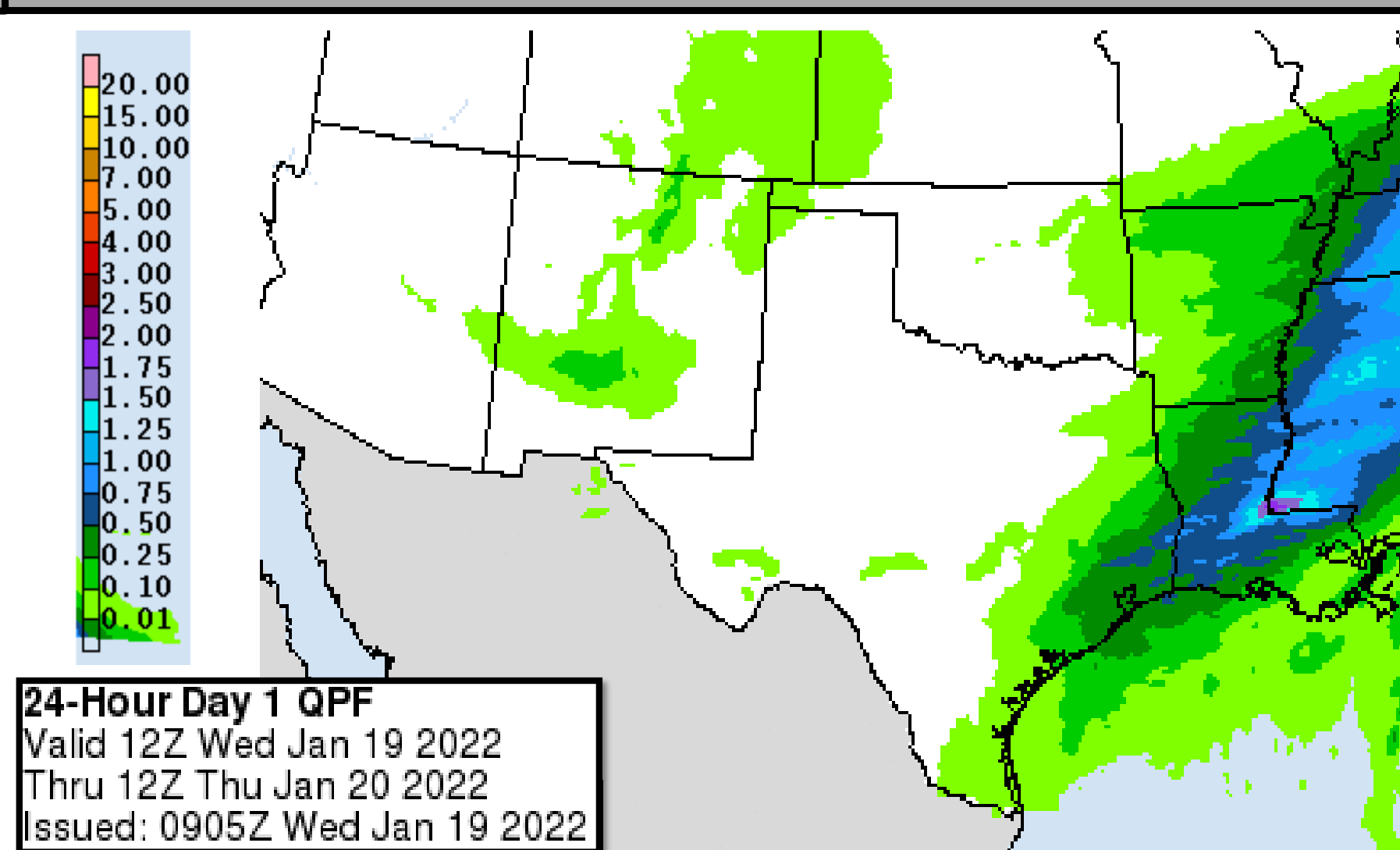


Today's Weather

Forecast Chart



Forecast Rainfall

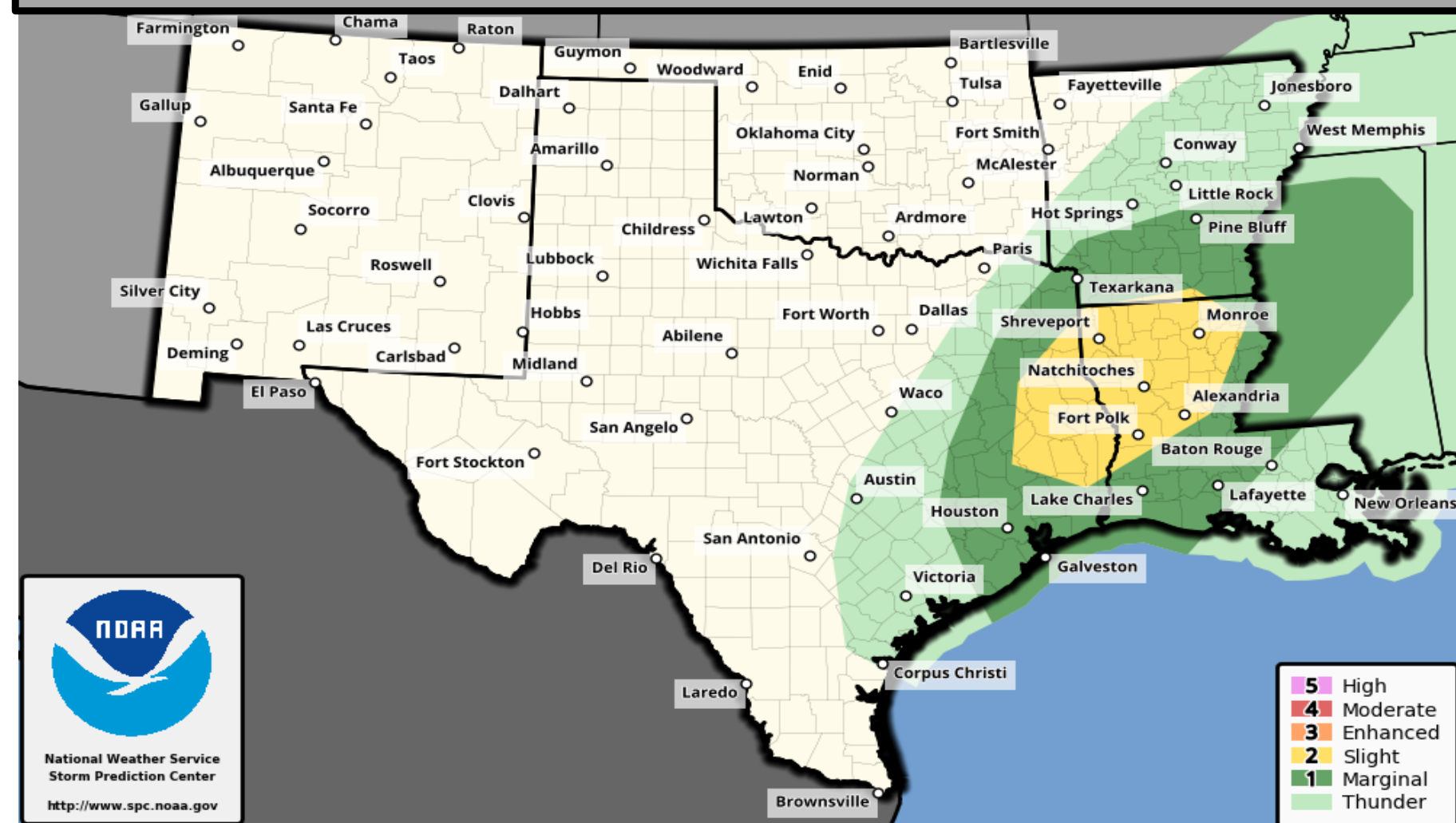


Slight Risk of severe storms for Far ETX into N LA late this afternoon into this evening.

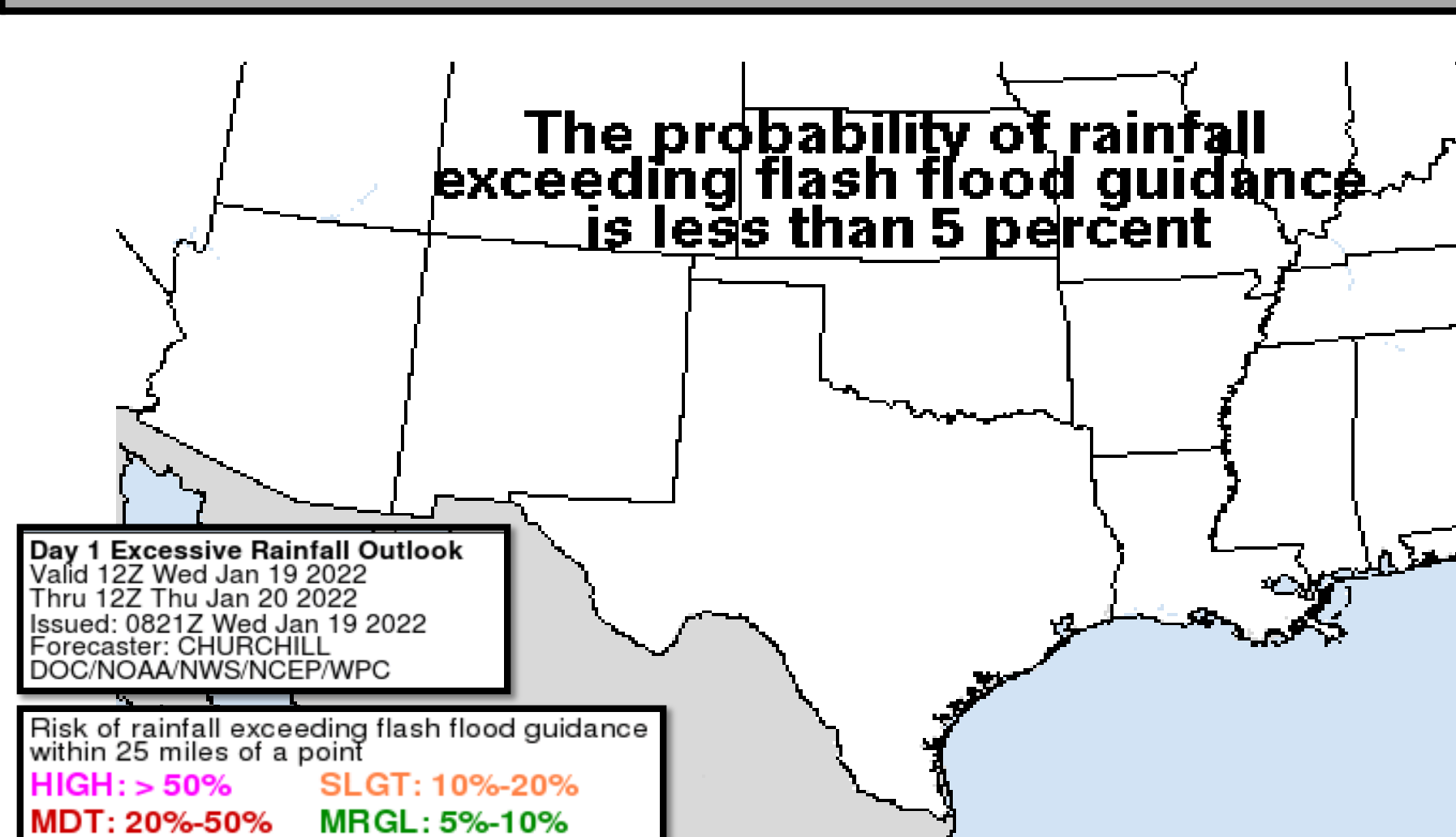
Damaging winds are the primary risk, though a tornado and marginally severe hail cannot be ruled out.

Marginal risk of severe storms for the rest of ETX and much of the rest of LA and for SE TX and SAR.

Severe Weather Outlook



Excessive Rainfall Outlook



Wintry weather with travel impacts in N AR late this afternoon into the early evening.

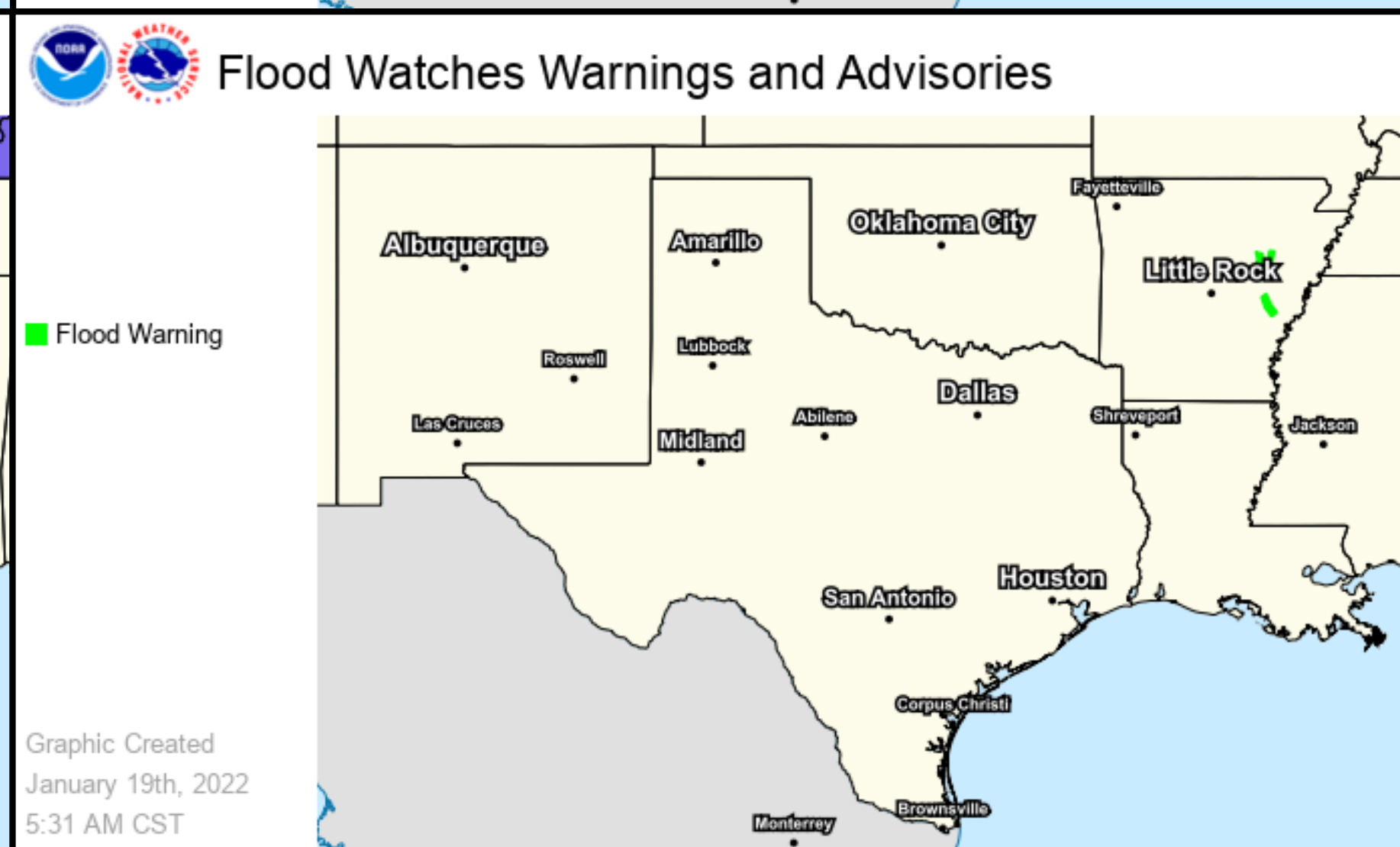
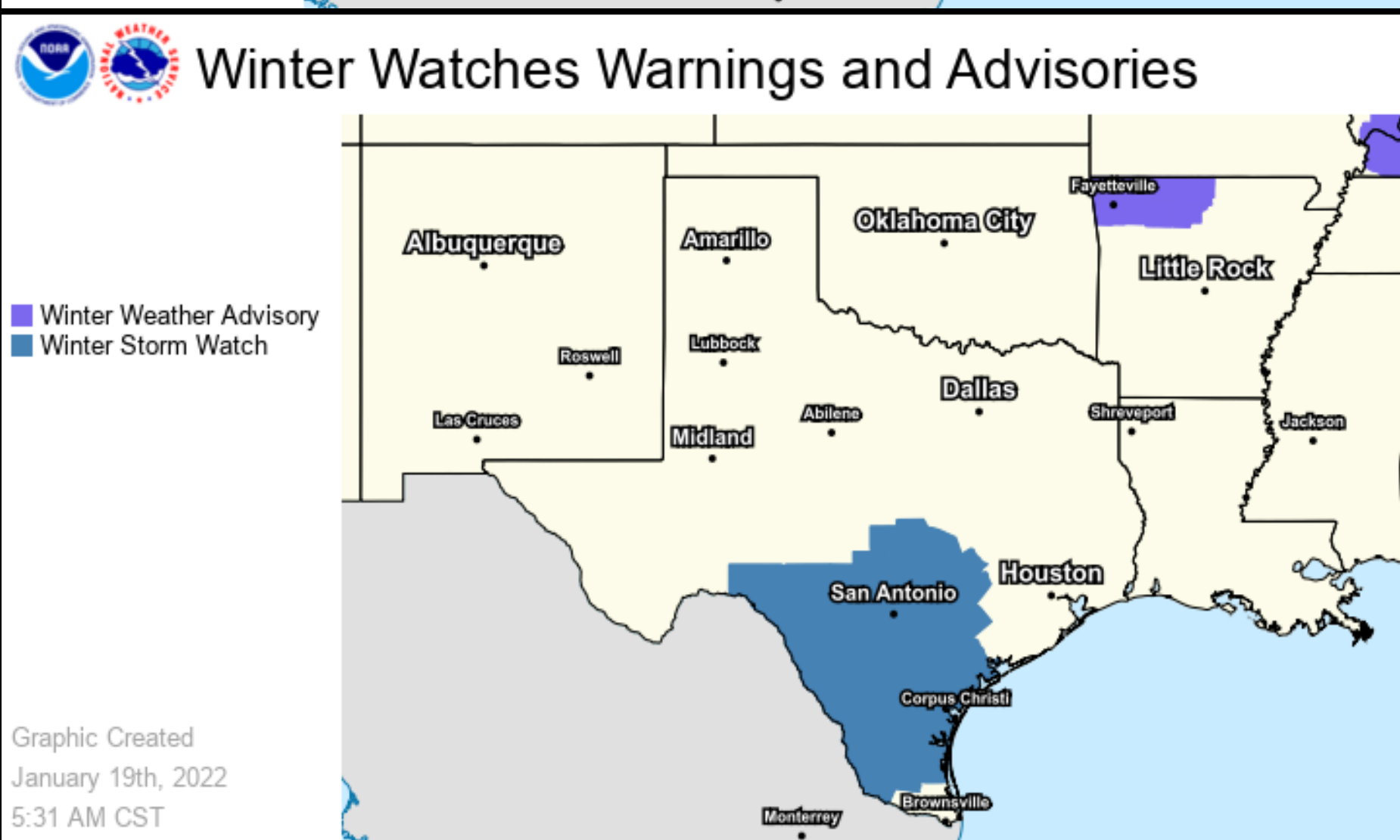
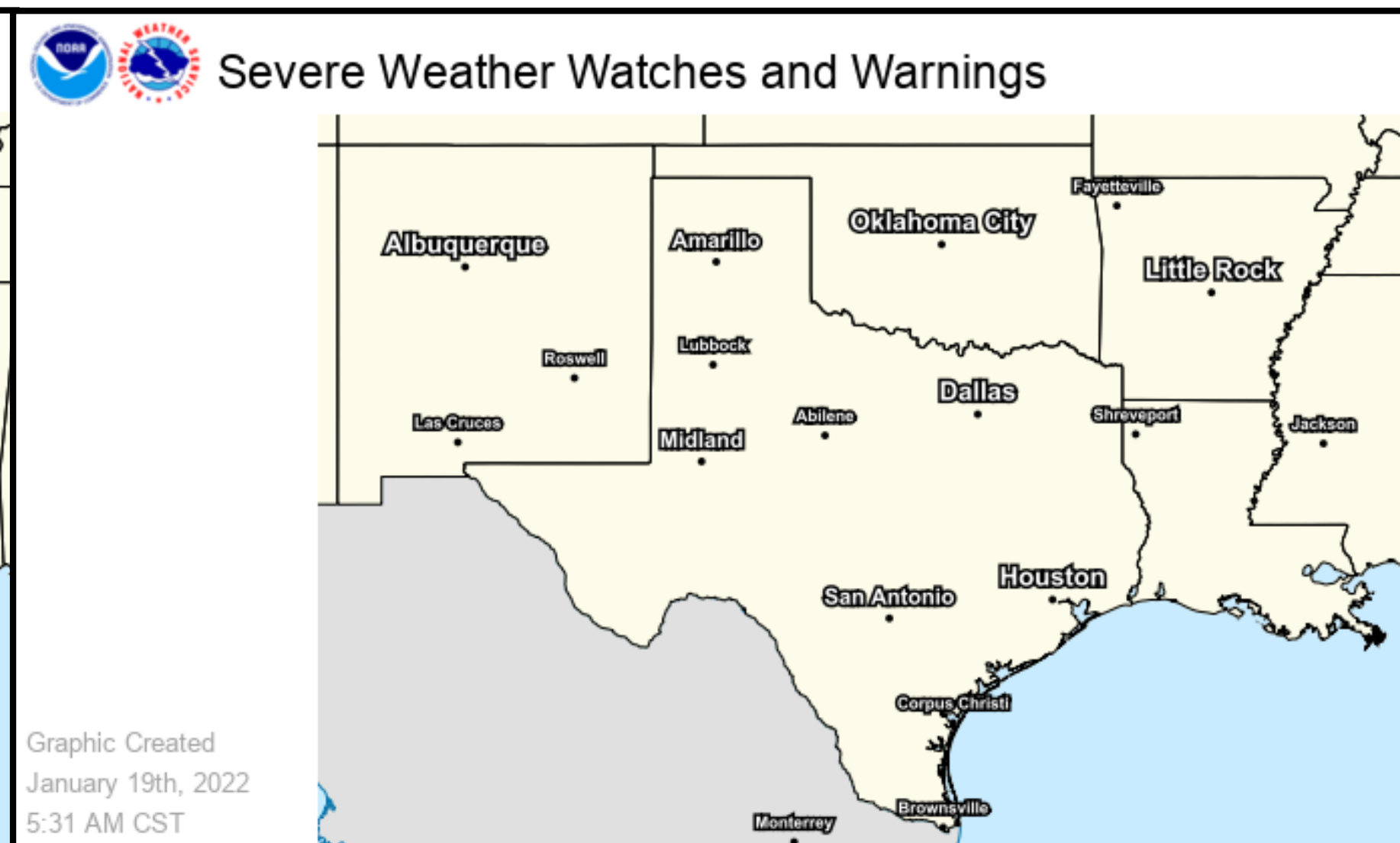
Light wintry weather with minor travel impacts possible for much of the rest of AR.



Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

Winter Weather Advisories for parts of NAR from late this afternoon into early this evening.
Winter Storm Watches across Central and South TX for Thursday into Friday.





Winter Weather

Wednesday - Friday

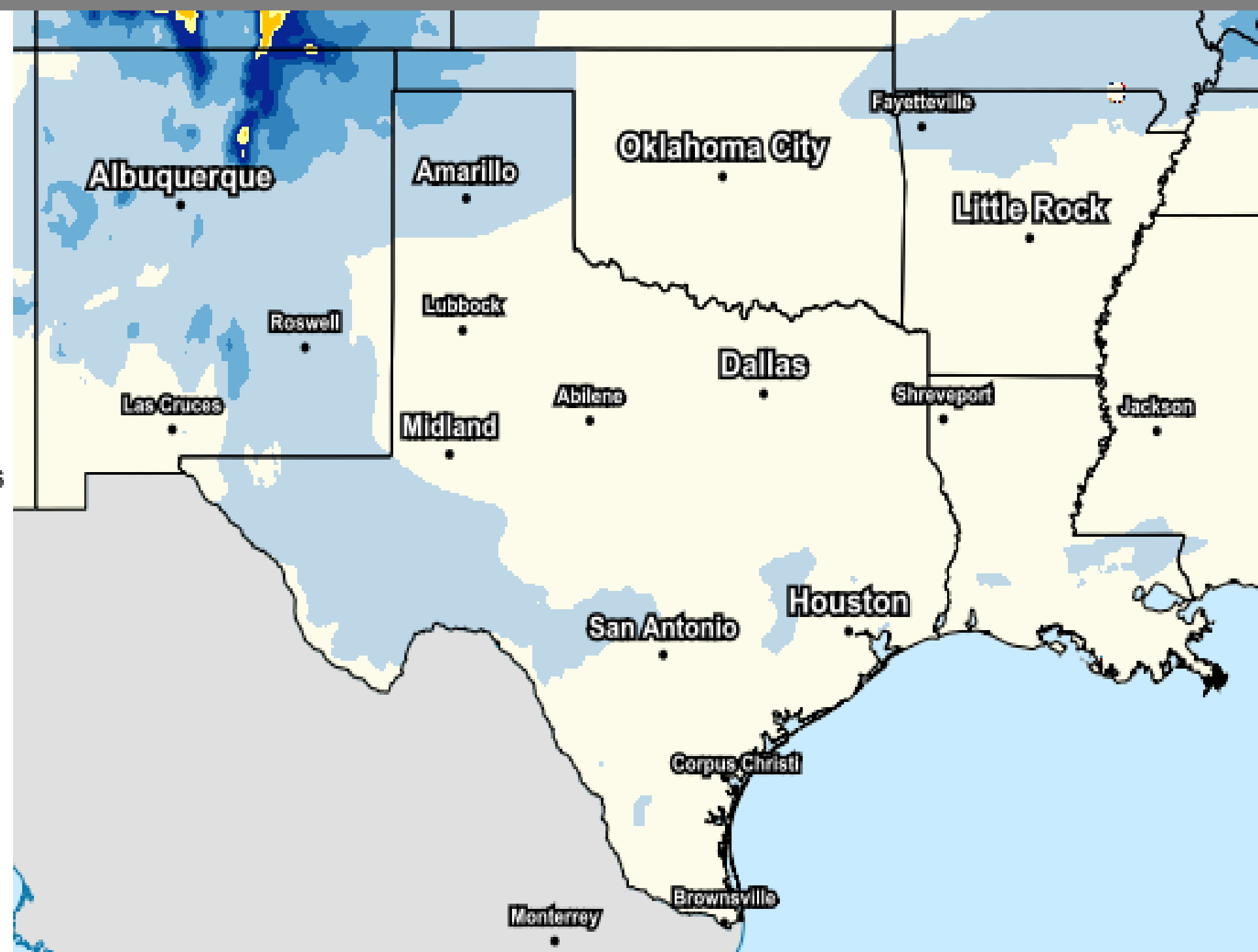
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Saturday January 22nd, 2022 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
January 19th, 2022
5:21 AM CST

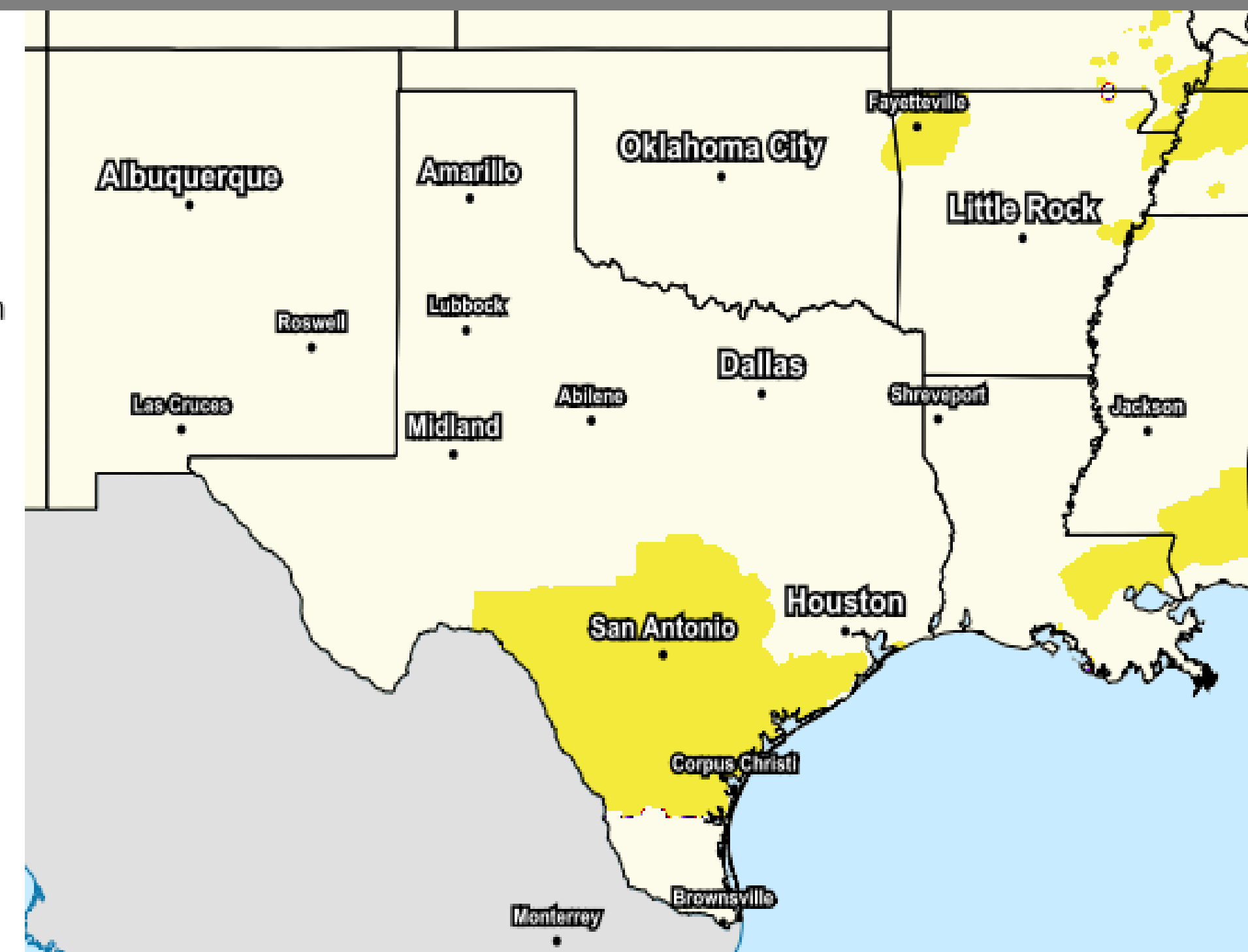
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Saturday January 22nd, 2022 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch

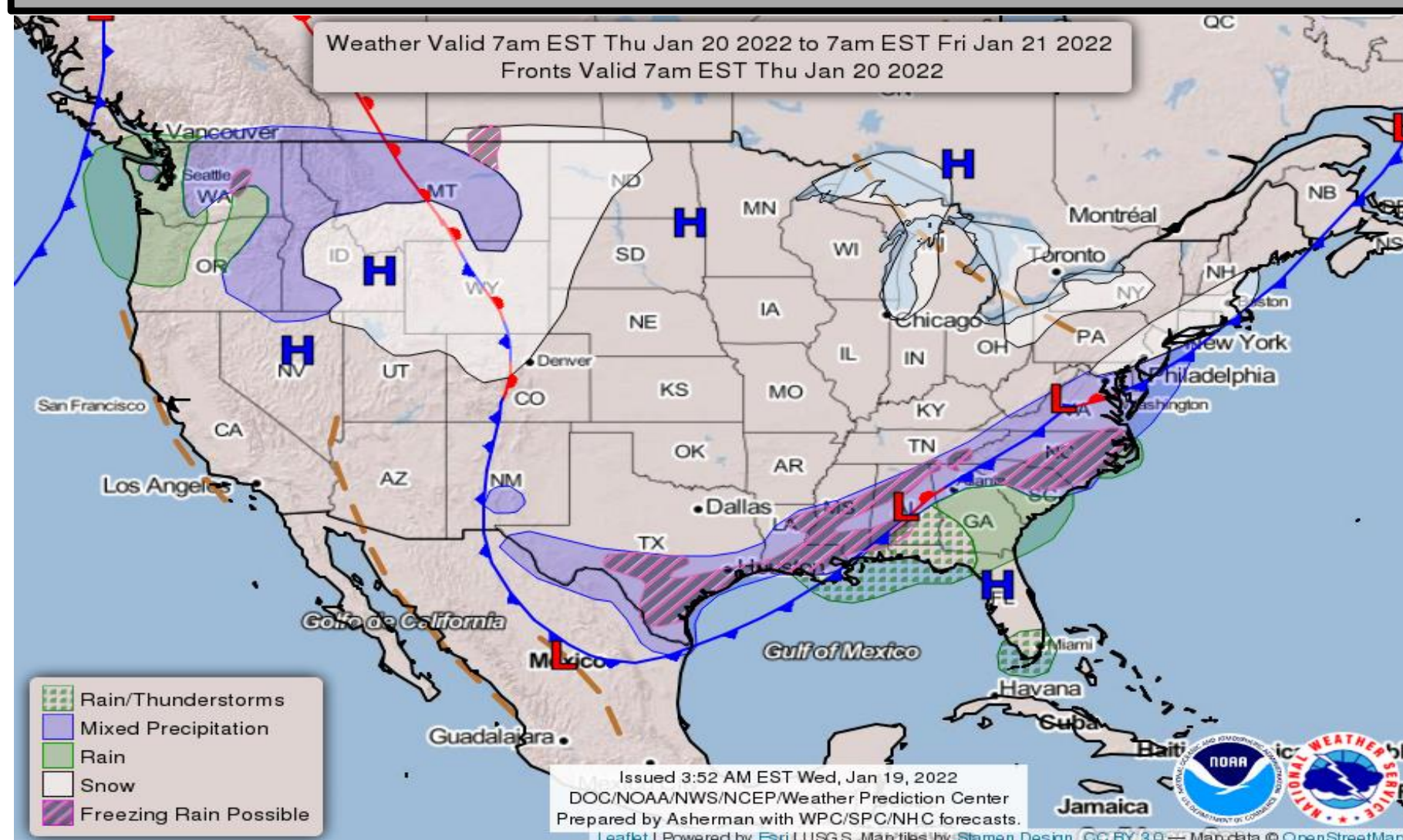


Graphic Created
January 19th, 2022
5:21 AM CST

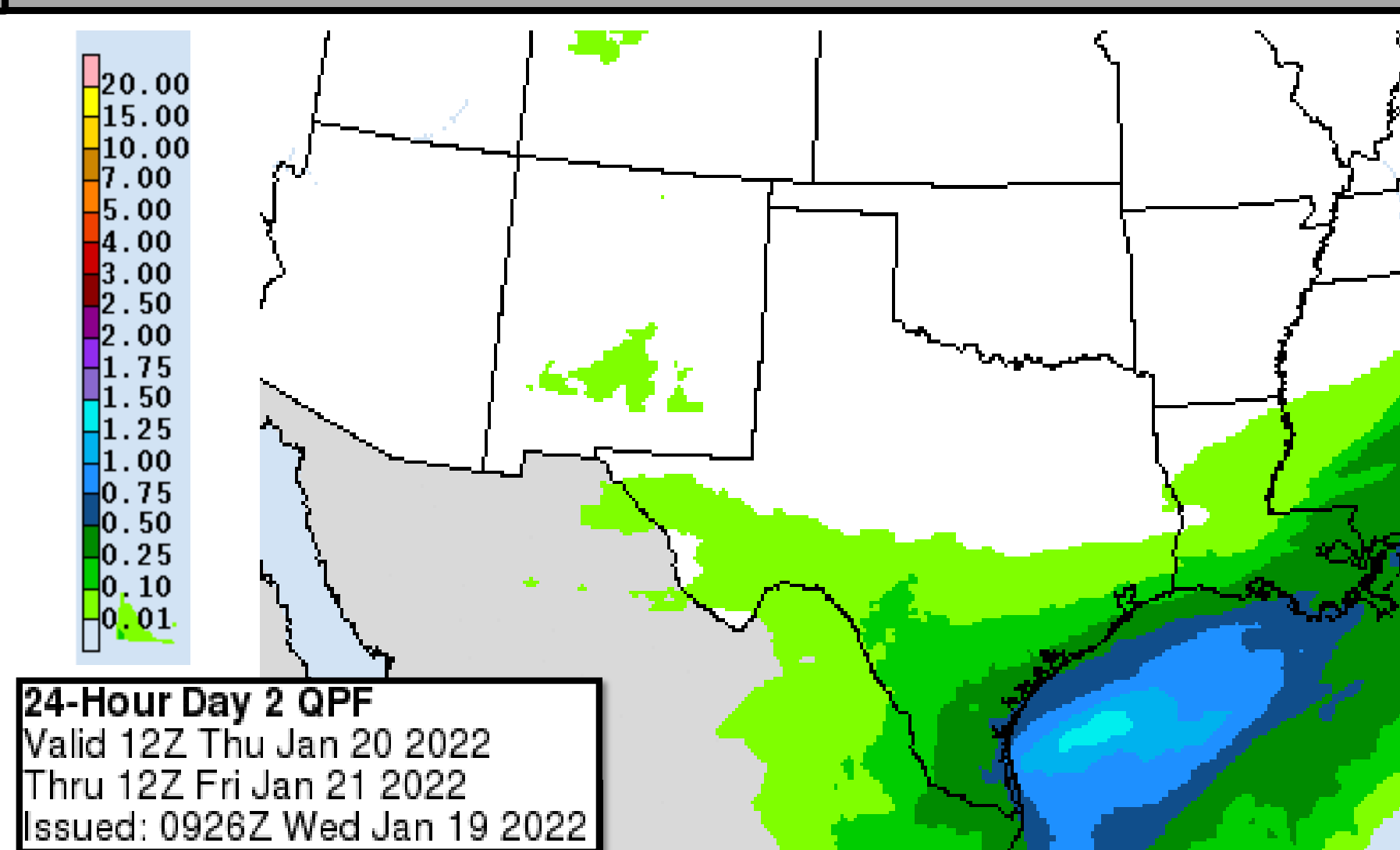


Tomorrow's Weather

Forecast Chart



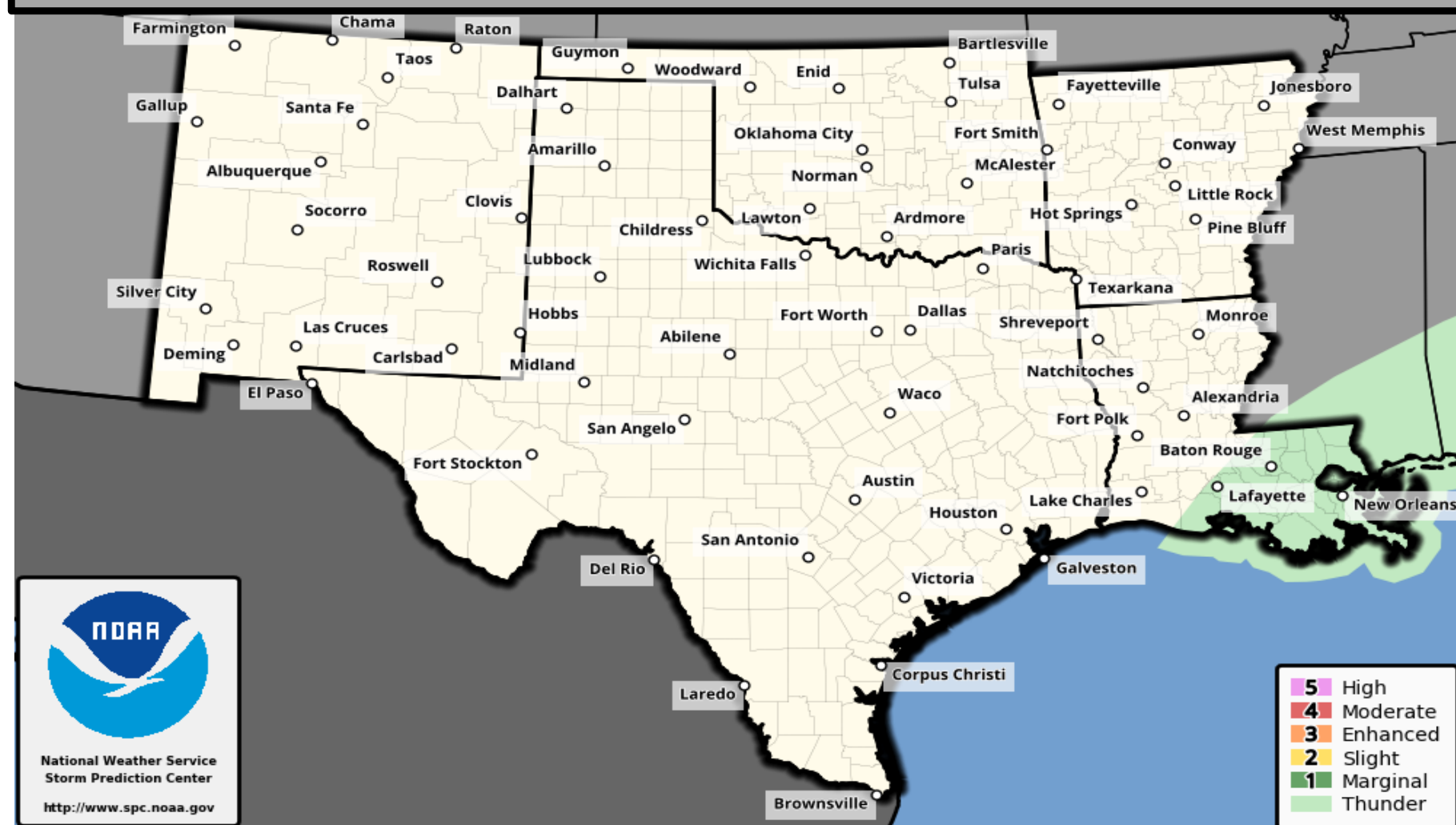
Forecast Rainfall



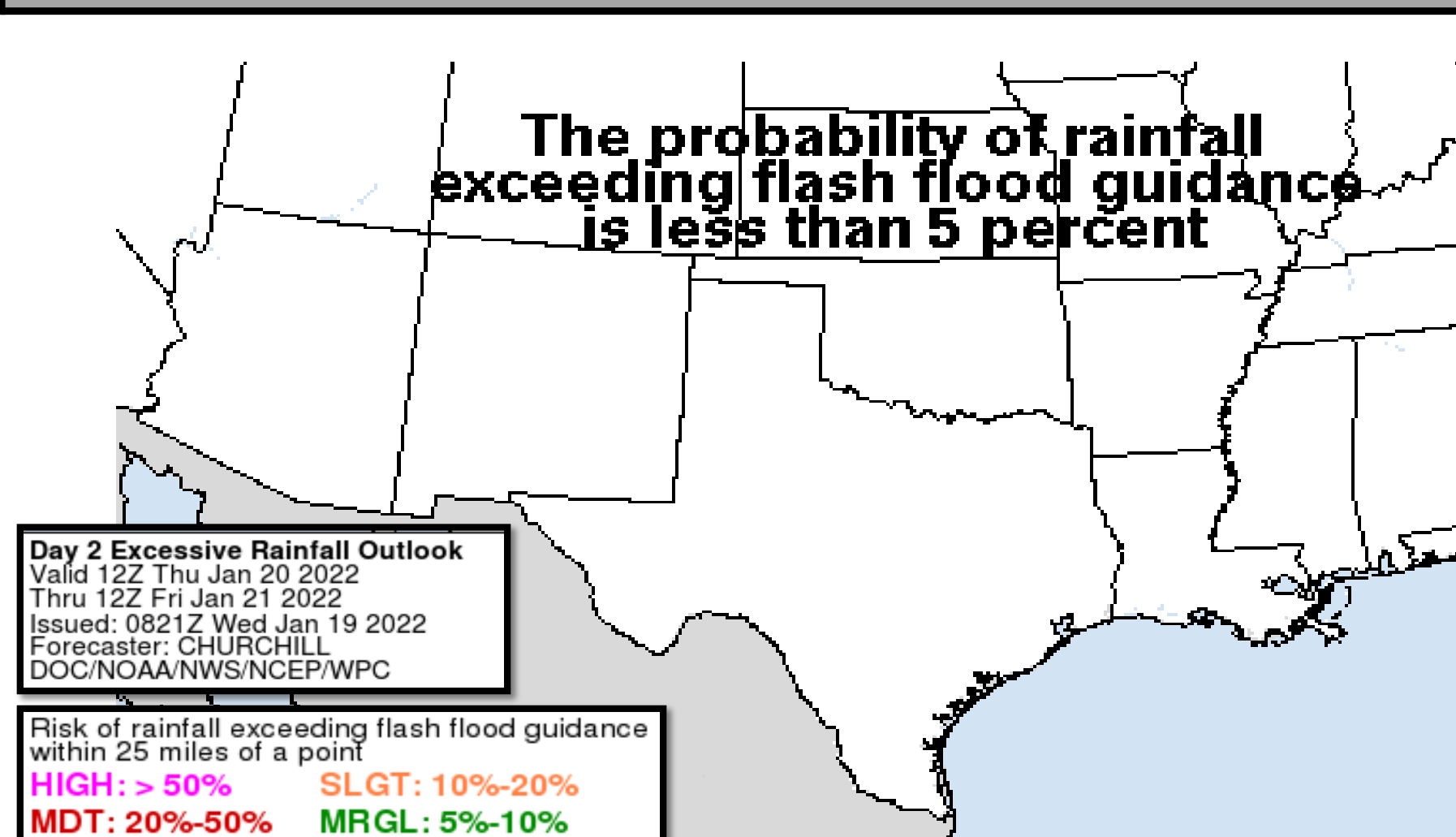
Wintry weather with travel impacts across central and south TX.

Light wintry weather with minor travel impacts possible for SE TX into S LA late Thursday.

Severe Weather Outlook



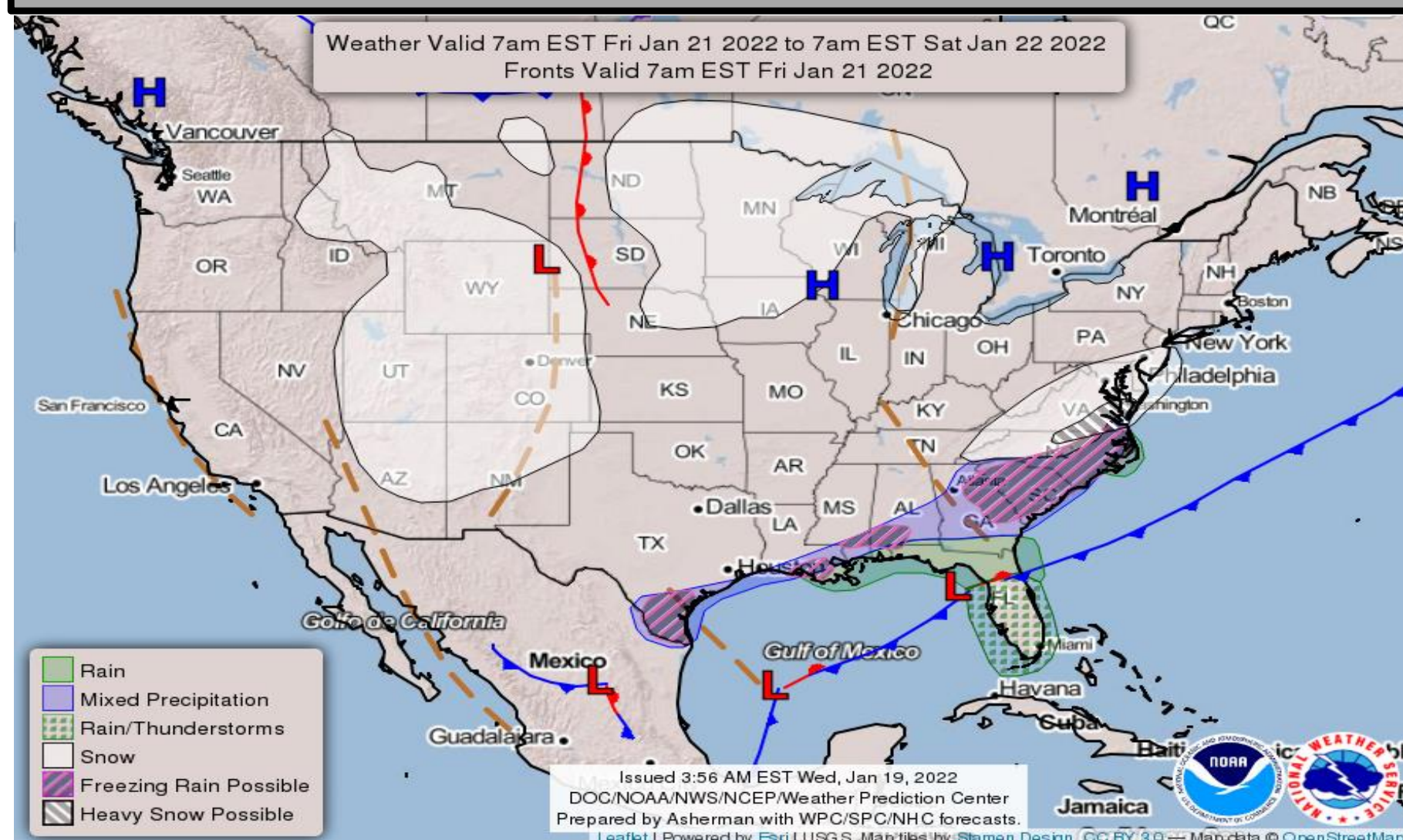
Excessive Rainfall Outlook



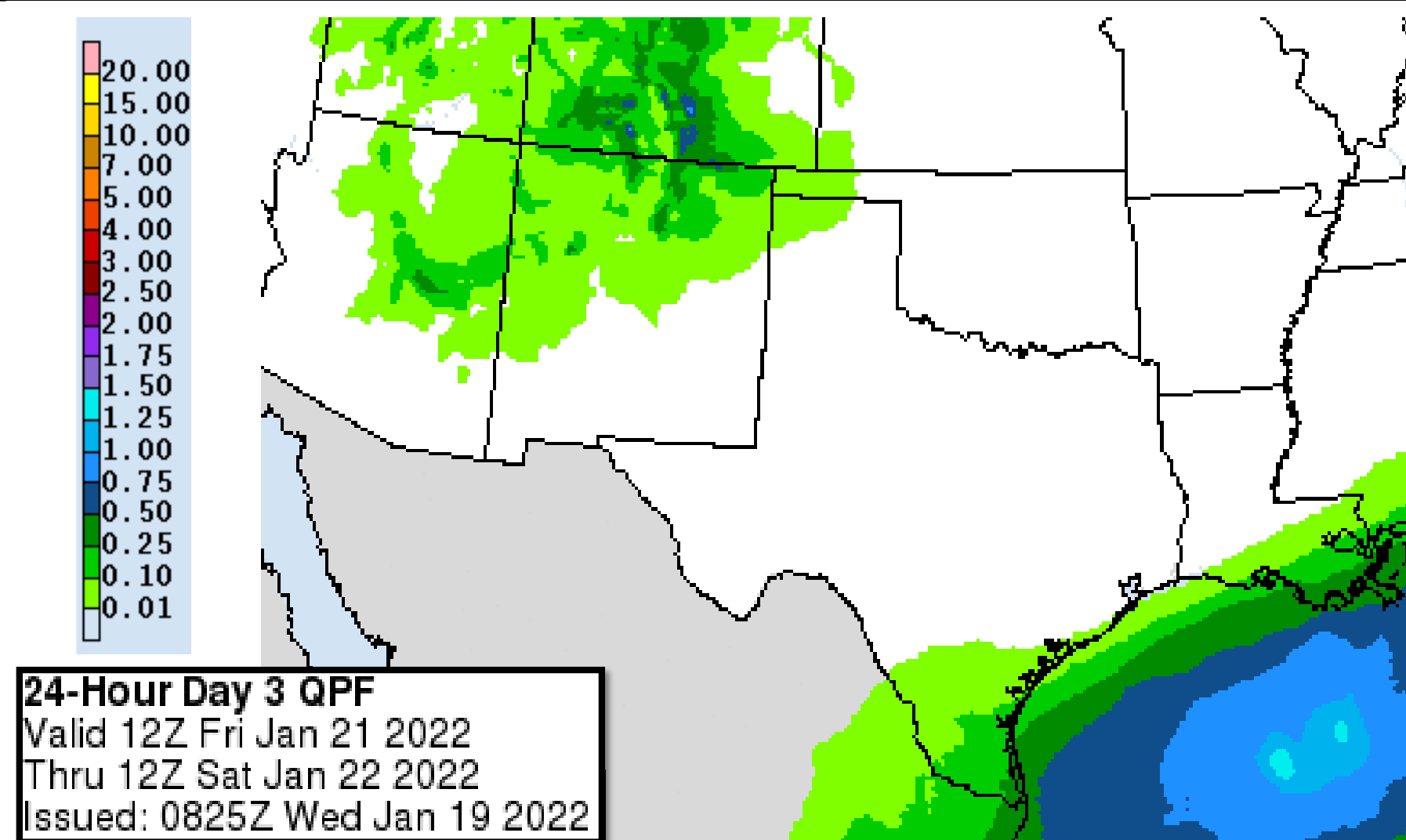


Friday's Weather

Forecast Chart



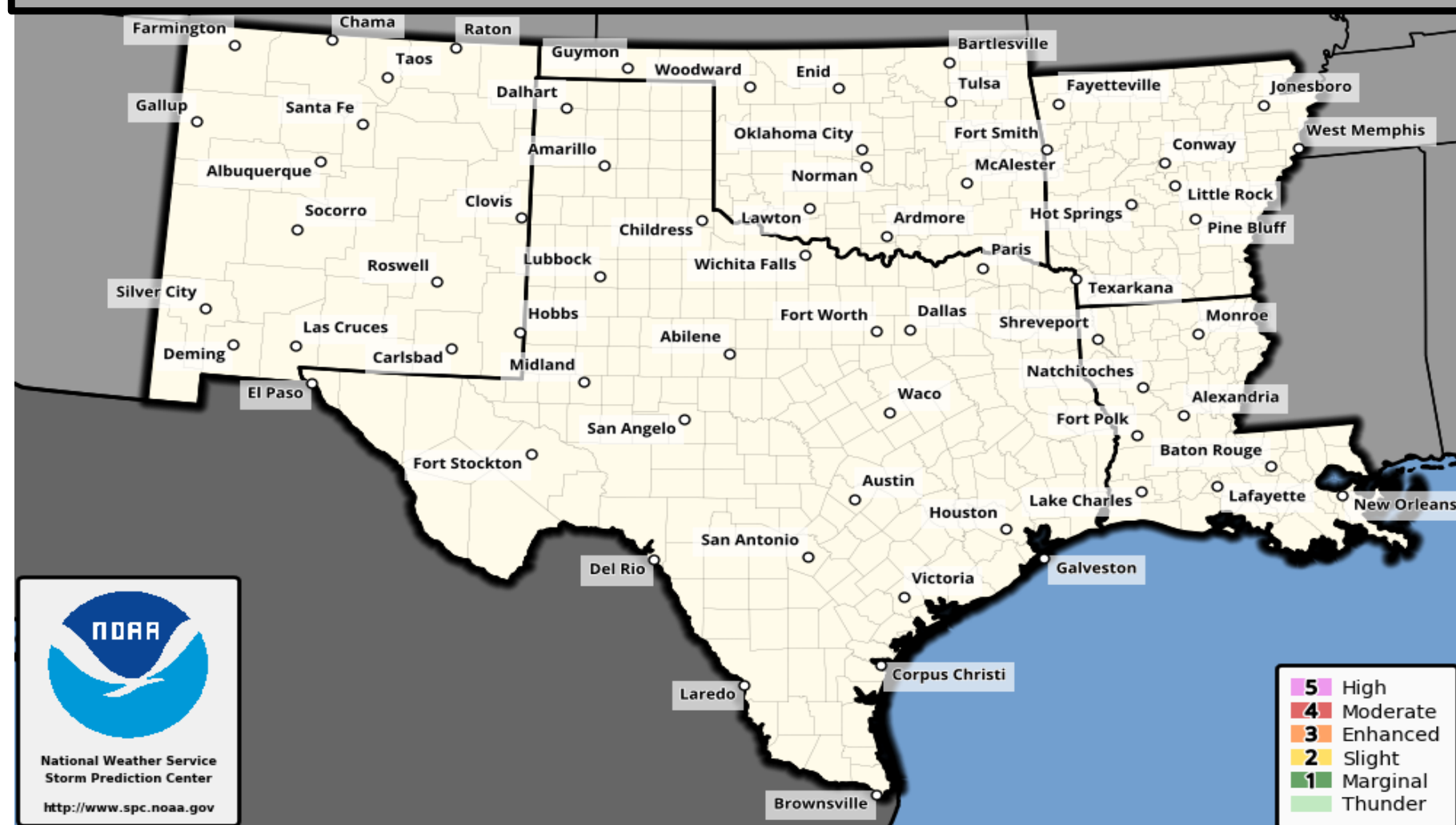
Forecast Rainfall



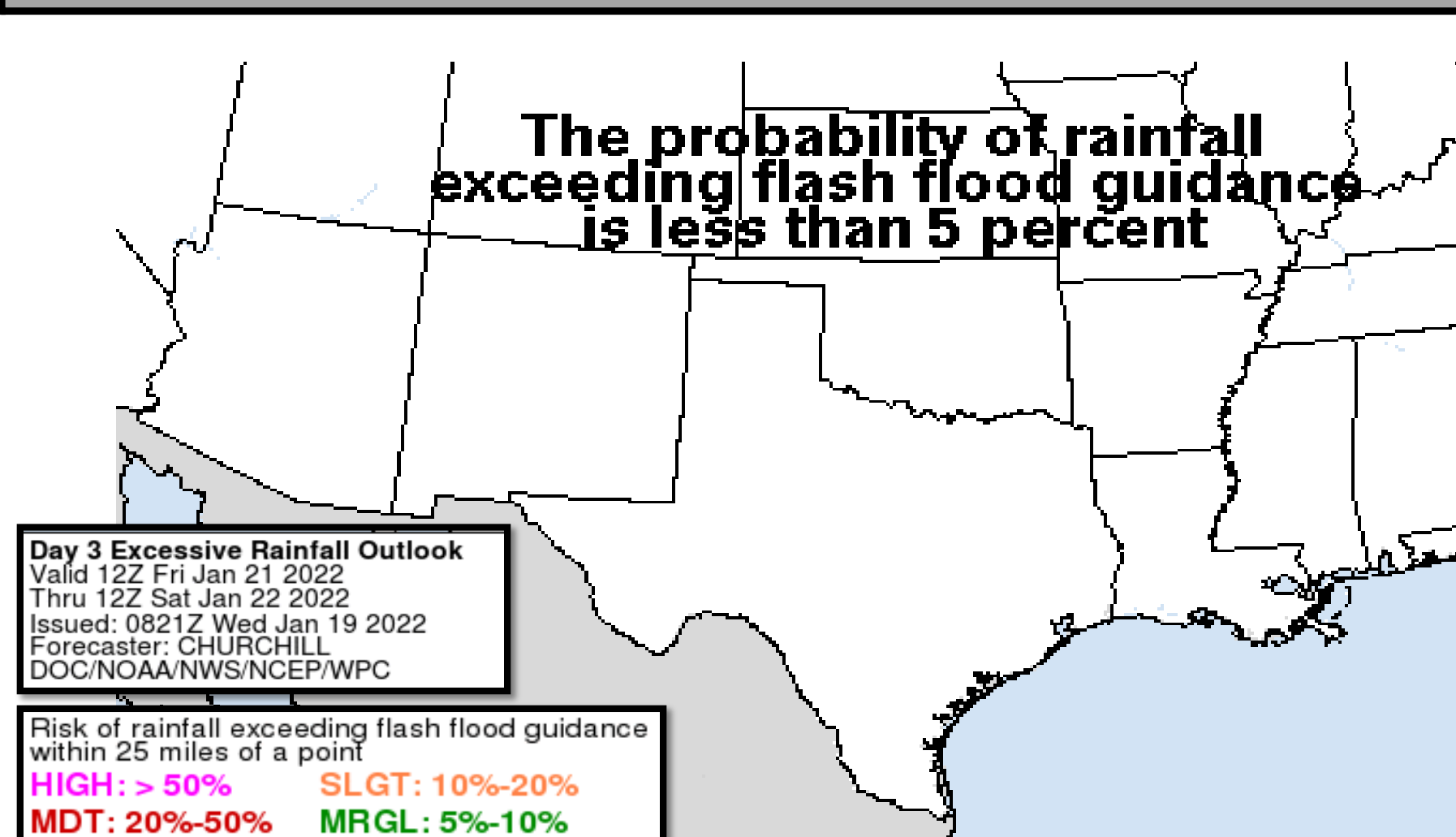
Wintry weather with travel impacts into Friday morning across central and south TX.

Light wintry weather with minor travel impacts possible into Friday morning for SE TX into S LA.

Severe Weather Outlook



Excessive Rainfall Outlook

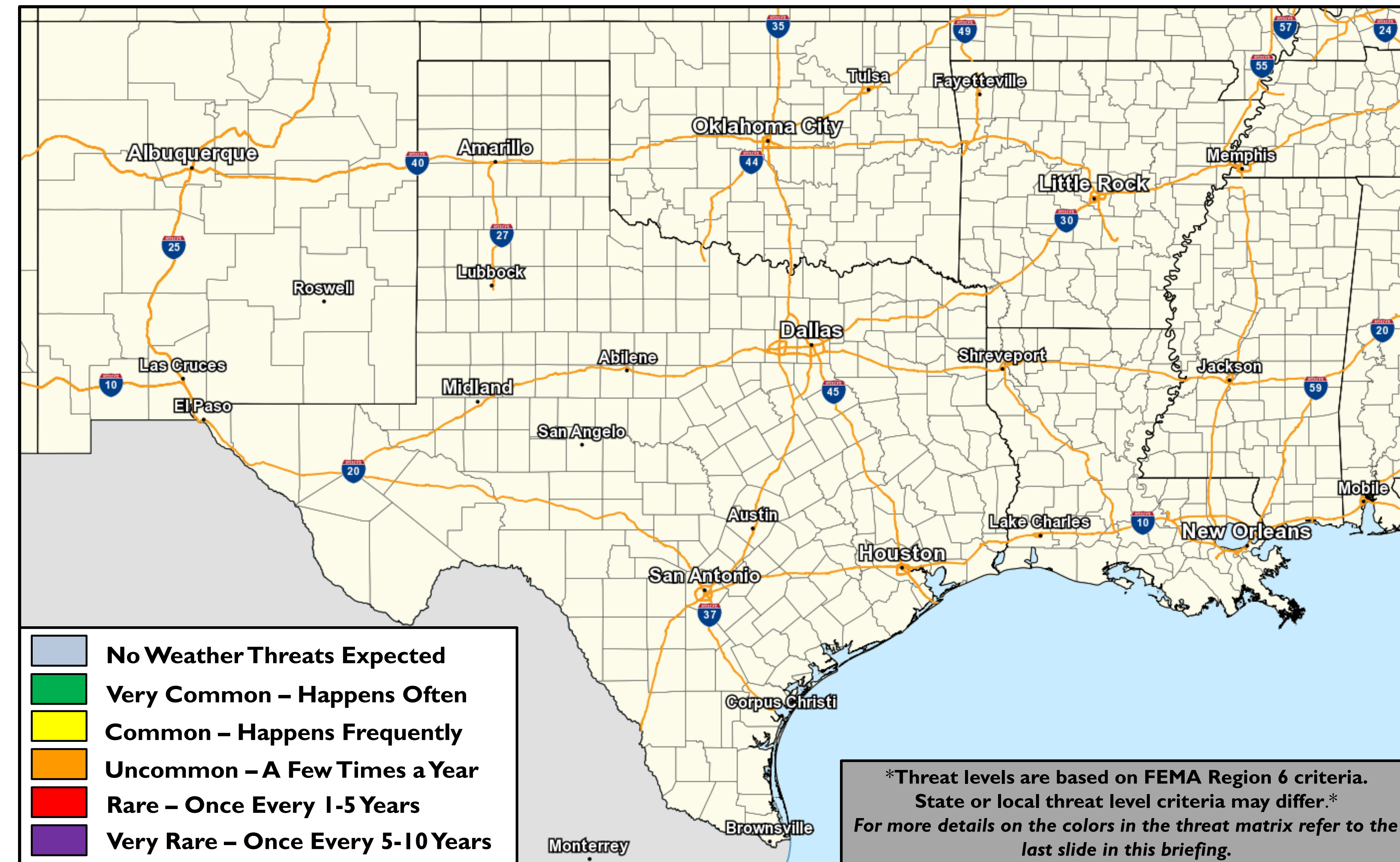




Days 4-5 Weather Hazards

Saturday - Sunday

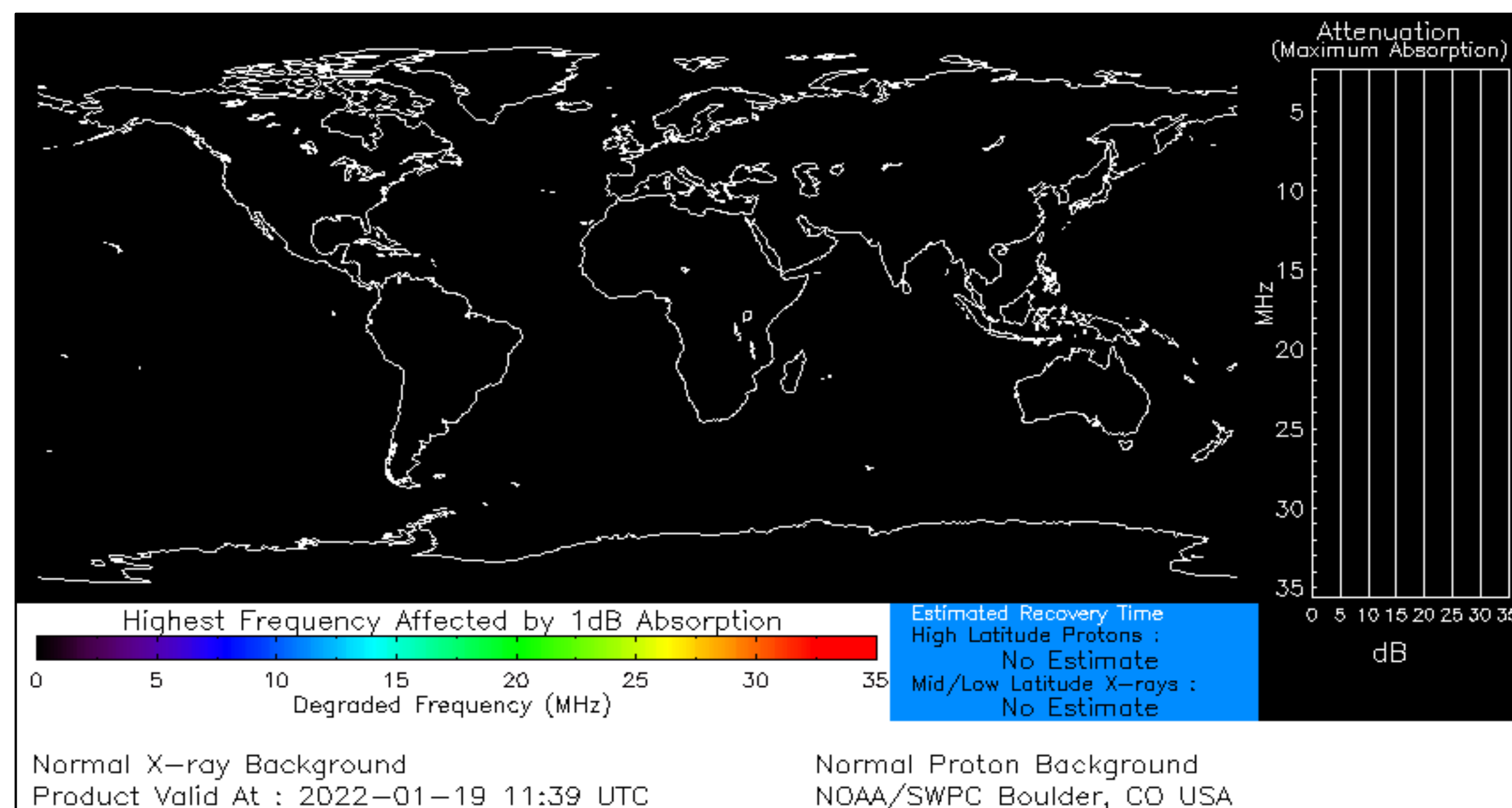
No significant weather expected.





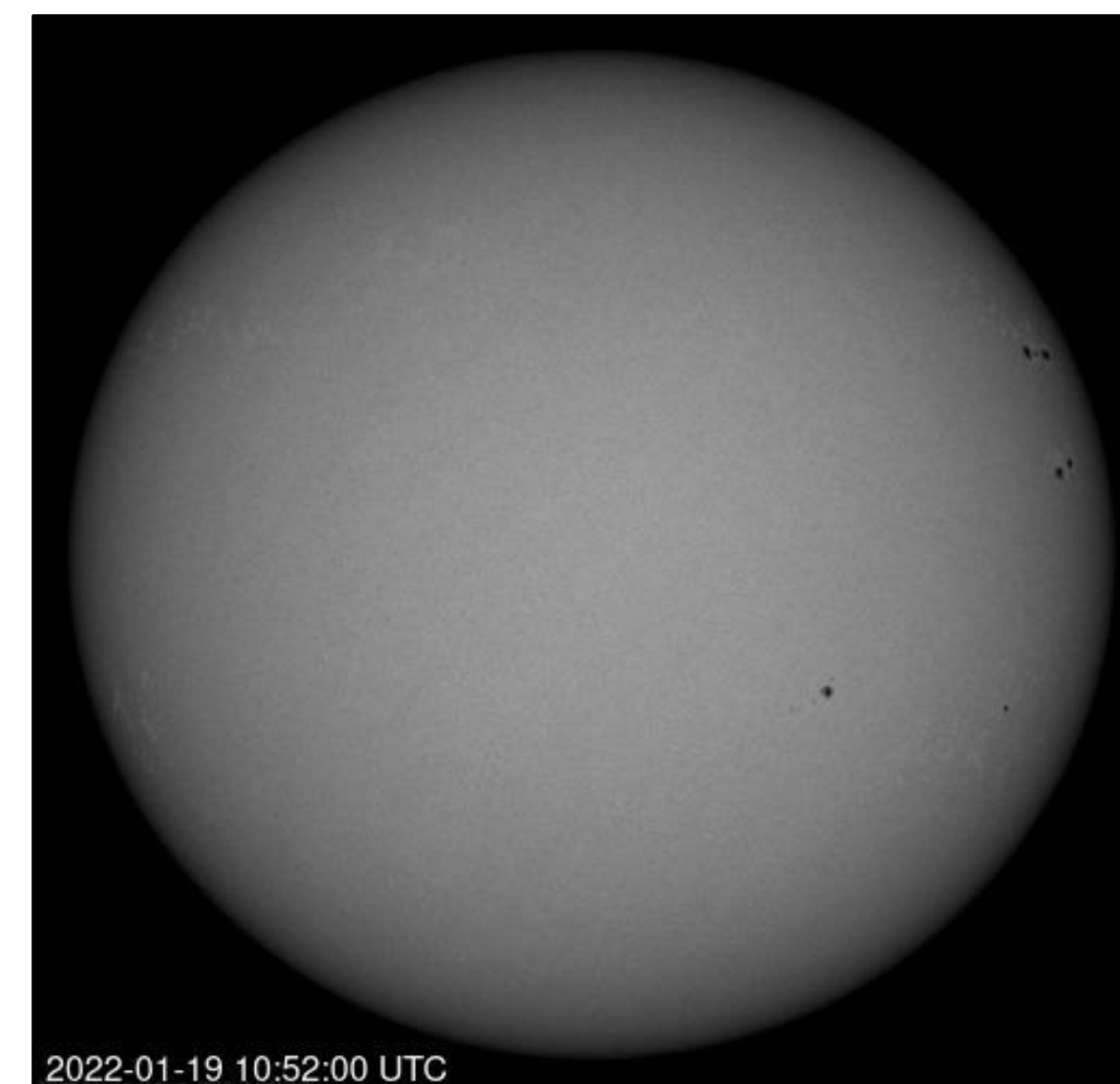
Space Weather 3-Day Forecast

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	20%	20%	20%
Radio Blackout (R3-R5)	5%	5%	5%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





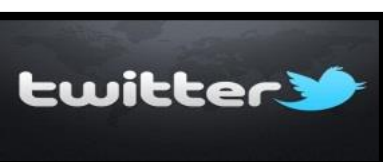
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov